

GUDE LANDFILL REMEDIATION

GLCC/DEP MEETING NO. 8

DATE: March 11, 2010
TIME: 7:30 PM to 9:00 PM
LOCATION: Montgomery County Transfer Station

ATTENDANCE:

<u>Name</u>	<u>Organization</u>	<u>Designation</u>
Dean Dozier	Gude Landfill Concerned Citizens (GLCC)	Member
Laszlo Harsanyi	Gude Landfill Concerned Citizens (GLCC)	Member
Dave Peterson	Gude Landfill Concerned Citizens (GLCC)	Member
Nick Radonic	Gude Landfill Concerned Citizens (GLCC)	Member
Peter Karasik	Montgomery County Dept. of Env. Protection (DEP)	Section Chief
Steve Lezinski	Montgomery County Dept. of Env. Protection (DEP)	Engineer III
John Kumm	EA Engineering, Science, and Technology, Inc. (EA)	DEP Consultant

The Meeting Agenda is included as Attachment 1.
Contact information for attendees is included as Attachment 2.
Other Attachments are referenced within the text.

MINUTES:

- 1) Steve Lezinski of DEP requested approval of the minutes from GLCC/DEP Meeting No. 7 (January 14, 2010). GLCC approved the meeting minutes.
- 2) Steve Lezinski summarized recent communications between DEP and MDE:
 - MDE has approved the proposed locations for 18 new groundwater monitoring wells.
 - MDE asked DEP to eliminate the originally planned data collection borings on the interior of the landfill from the investigation.
 - MDE has approved the proposed leachate seep and stormwater corrective actions.
 - DEP is still waiting for official comments (a letter) from MDE on Waste Delineation Study.
- 3) Steve Lezinski summarized recent communications with M-NCPPC:
 - DEP provided an information package describing planned study activities to M-NCPPC on 3/4/2010.
 - M-NCPPC has an internal meeting on the Gude Landfill issues on March 18th
 - DEP and M-NCPPC will hold a joint meeting on April 6th to discuss:
 - o Groundwater monitoring well locations
 - o Off-site waste management options
 - o Long term property access and maintenance

- 4) Steve Lezinski advised GLCC that EA has submitted a Draft Study Plan to DEP. John Kumm of EA summarized the contents of the Plan. It was agreed between DEP and GLCC that the full Draft Study Plan would be posted on the remediation project website and an abbreviated version would be distributed to GLCC members.
- 5) Steve Lezinski asked GLCC about the distribution of the DEP Community Letter (2-26-10) advising the Community about the planned installation of groundwater wells. GLCC advised that it will be distributed in a special edition of each of the three HOA newsletters, both by e-mail and standard mail, within the next two weeks.
- 6) Steve Lezinski stated that DEP and EA are preparing the ground water well permit applications for submittal to the County Department of Permitting Services (DPS). The scheduling for the well drilling was discussed and EA explained that the time from submittal of the drilling permit applications through reporting of the first round of sampling would be approximately 3 months, or roughly until June-July. Steve Lezinski stated that the County is considering proceeding with completing the Nature and Extent Study based on the first round of sampling, but including all of the new wells in subsequent semi-annual sampling events, the next one being in October 2010.
- 7) Steve Lezinski presented a Figure presenting the surface water sampling locations that would be analyzed for chemical oxygen demand (COD) prepared by EA, which is provided at Attachment 3. The four locations were discussed and ultimately agreed on between DEP and GLCC. It was agreed that the COD sampling could be independent of the new ground water wells and that the sampling should be done in April, preferably at least a week after a rain event.
- 8) Steve Lezinski stated that several high methane levels have been detected in perimeter gas well along the northwest side. Peter Karasik commented that this was probably due to the snow melt saturating the waste and retarding flow to the gas extraction wells – the extraction system is currently running at a relatively high vacuum. Steve stated that SCS will be designing a horizontal collector system for that border of the landfill that will eventually be connected to the collection system.
- 9) Steve Lezinski reviewed the status of previous action items. It was agreed that 5-04, 5-05, and 7-02 had been addressed and could be closed and that 6-02, 7-01, and 7-03 would remain open.
- 10) It was agreed that Steve Lezinski will send GLCC an update by e-mail in late March or early April and DEP and GLCC will decide on whether or not to hold a regular monthly meeting in April.

Action and Follow-up Items

- 5-01 DEP and EA to research the existence of a comprehensive database for closed landfill reuse options.
Status: Closed. EA provided a list of landfill reuse resources, which was attached to the minutes for Meeting No. 7.

- 5-02 GLCC to schedule next Derwood Community Meeting; second quarter 2010.
Status: Closed. GLCC noted that the Community will continue to be welcome at the monthly meetings, and these will be included in the DEP letter to the HOAs and the residents. Therefore, GLCC does not plan to schedule another community meeting at this time.
- 5-03 DEP to contact MDE regarding the spring and northwest slope surface water sampling, and leachate seep repairs on northwest slope.
Status: Closed. DEP and MDE met on December 21, 2009 and discussed these issues. The outcome was summarized in Attachment No. 4 of the Meeting No. 7 minutes.
- 5-04 DEP to post the recent aerial survey of the Gude Landfill on the remediation project website.
Status: Closed. The image has been posted on the website.
- 5-05 DEP to evaluate if Biochemical and Chemical Oxygen Demand (BOD/COD) can be included for analysis purposes in surface water samples.
Status: Closed. After further discussion, GLCC agreed that BOD sampling would not be conducted, since it would be difficult to discern whether the results were affected by the landfill. DEP agreed to collect samples for COD analysis. The objectives and plan for COD sampling was and agreed to between DEP and GLCC.
- 5-06 DEP to reschedule the dioxin/furan testing of the Gude Landfill gas-to-energy engine.
Status: Closed. The testing was conducted in early March 2010 but the results have not yet been reported.
- 5-07 EA to provide a list of the chemical analytes that were detected in the Gude Landfill groundwater/surface water sampling that are carcinogens.
Status: Closed. EA provided a summary of risk and carcinogenic effects for chemical analytes, which is included as Attachment No. 6 to the Meeting No. 7 minutes.
- 6-01 DEP and EA to create a list of open agenda items (i.e., action and follow-up items).
Status: Closed. This list is included in the meeting minutes and will be carried into subsequent minutes.
- 6-02 DEP and EA to finalize more precise locations of the new monitoring wells. Follow-up work with permitting agencies, utility locators, and adjoining property owners will be conducted.
Status: Open. Additional location information finalized. DEP to continue follow-up on access agreements and permitting.
- 6-03 GLCC/DEP/EA to finalize an approach to communicate all aspects of the expanded monitoring well program to the Derwood Community.
Status: Closed. Initial letters to be sent to the HOAs, with follow-up letters to residents in the immediate area of proposed intrusive activities.

- 7-01 DEP to complete interim measures for leachate redirection at seep locations.
Status: Open.
- 7-02 DEP to finalize and send letter to HOAs regarding the landfill remediation project and proposed groundwater monitoring well locations within the Community.
Status: Closed. DEP prepared the Community notification letter dated 2-26-10 for distribution to the residents via the HOA presidents. .
- 7-03 DEP to obtain dioxin/furan test results for flare and engine.
Status: Open. Results expected by early April.

New Action and Follow-up Items

- 8-01 EA will provide DEP with a full version of the Draft Study Plan as a PDF for posting on the website and an abbreviated PDF version for distribution to GLCC members.
Status: Open.
- 8-02 GLCC will distribute the DEP Community Letter dated 2-26-10 in a special edition of each of the three HOA newsletters, both by e-mail and standard mail, by the end of March.
Status: Open.

The above summation is the writer's interpretation of the items discussed at the meeting. Comments involving differences in understanding of any of the meeting items will be received for a period of thirty (30) days from the date of these meeting minutes. Clarifications will be made, as deemed necessary. If no comments are received within the specified time period, the minutes will remain as written.

ATTACHMENT 1



**Gude Landfill Remediation
Gude Landfill Concerned Citizens
Monthly Meeting No. 8**

Meeting Agenda

1. Review and Approval of GLCC/DEP Meeting Minutes (Meeting No. 7)

2. MDE Correspondence

- a. MDE approved the 18 groundwater monitoring well locations
- b. DEP removed the data collection borings on the interior of the landfill
- c. MDE approved the leachate seep/stormwater corrective measures
- d. Awaiting official comments on Waste Delineation Study

3. M-NCPPC Correspondence

- a. Provided information package to M-NCPPC (3-4-10)
- b. Internal M-NCPPC meeting scheduled for March 18
- c. M-NCPPC and DEP meeting scheduled for April 6
 - Groundwater monitoring well locations
 - Off-site waste management options
 - Long term property access and maintenance

4. Groundwater Monitoring Wells

- a. When will the DEP Community Letter (2-26-10) be included in the HOA Newsletters?
- b. DEP/EA preparing permit documents for County Dept. of Permitting Services (DPS)

5. Surface Water Monitoring

- a. Chemical Oxygen Demand (COD) sampling locations and plan

6. Next Meeting/Action Items

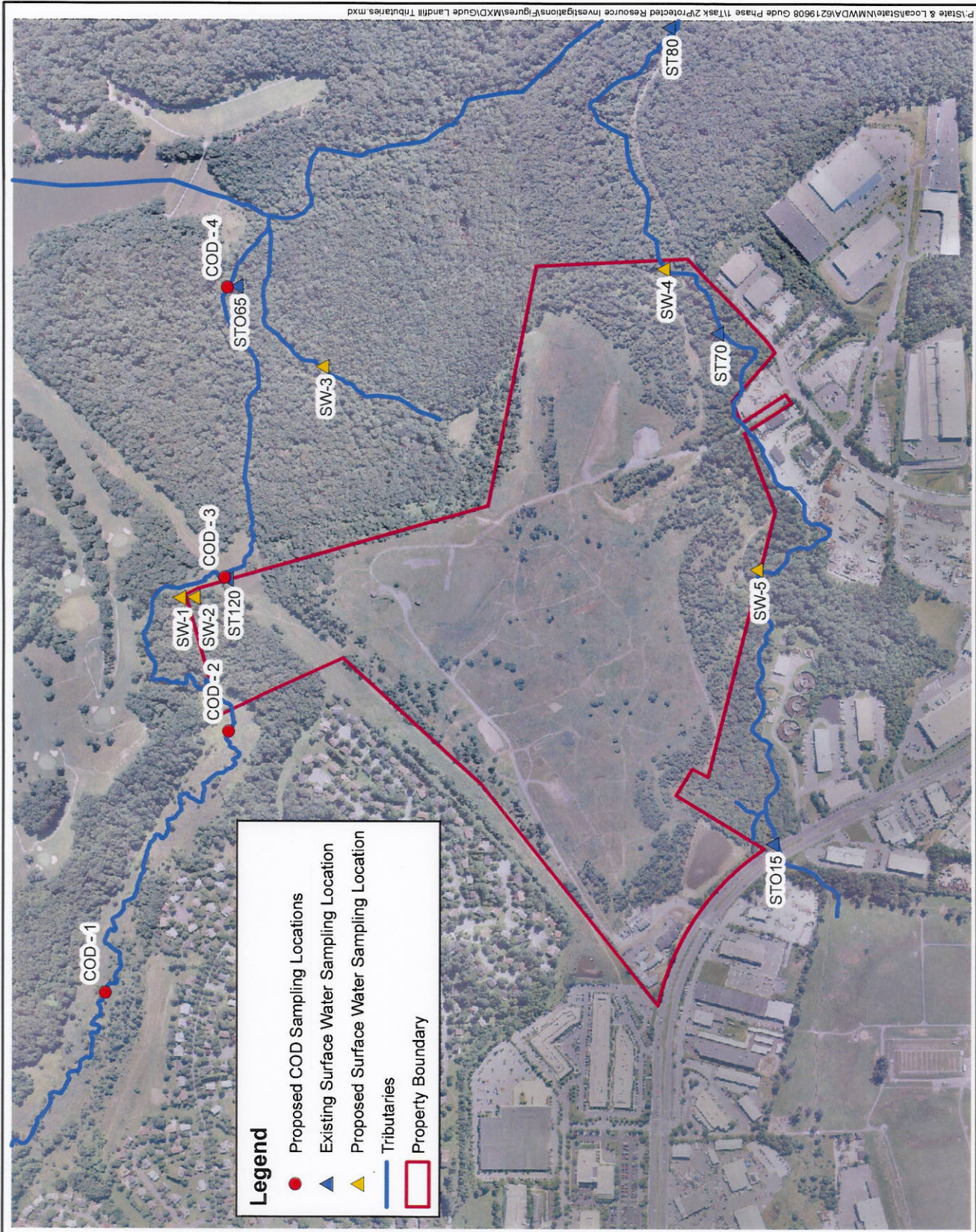
- a. To Close
 - 5-04
 - 5-05
 - 7-02
- b. Remain Open
 - 6-02
 - 7-01
 - 7-03

ATTACHMENT 2



ATTACHMENT 3





Legend

- Proposed COD Sampling Locations
- Existing Surface Water Sampling Location
- Proposed Surface Water Sampling Location
- Tributaries
- Property Boundary



EA Engineering, Science, and Technology, Inc.

Proposed COD Sampling Location Map

